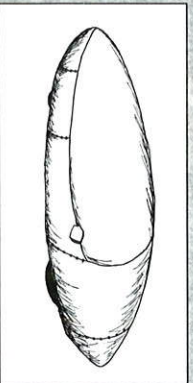


## “Fill it With Oil and Check the Gas”



**A**t a top speed of 30 miles per hour the “Scream’n Armadillo” probably will not be cruising the interstate anytime soon.

But on the other hand, it won’t stop at too many gas stations either. If design estimates prove correct, it will achieve a stunning 529 miles per gallon.

That’s like going from Longview to Philadelphia for about the cost of a hamburger and an order of fries. The vehicle, designed by a group of five mechanical engineering students, will be LeTourneau’s entry in the 1994 SAE (Society of Automotive Engineers) Midwest Supermileage Competition, which will be held at the General Motors’ Flat Rock (Mich.) testing grounds in June.

SAE sponsors the annual event to encourage collegiate interest in automotive engineering and stimulate innovative technology. This will be LeTourneau’s first entry in the competition.

The vehicle, which is now in the construction stage, is basically an “aluminum cigar on wheels.” Including the

driver, it weighs just 350 pounds and is powered by a 3hp Briggs and Stratton engine. Two bicycle wheels will move the vehicle across the ground.

According to the student designers, initial design analysis indicates the vehicle should attain just under 530 miles per gallon. However, by using a flywheel to store energy and coasting whenever possible, mileage could be significantly increased over these estimates.

Team members, all seniors, are Barry Carothers, Northport, Ala., Luke Holtry, Roxbury, Penn., Scott Merrill, Mounds, Okla., Scott McDowell, White Oak, Texas, and Tim Pfeifer, Brin, N.Y. The team’s faculty advisor is Dr. Bill Thrasher, professor of mechanical engineering.

The cost of the vehicle is estimated at \$4,500, not counting the engine, which was donated by Briggs and Stratton. “The project still could use some additional funding,” notes Thrasher.

Gifts toward “The Supermileage Vehicle” can be sent to the Office of Advancement. ■

## Giving Through Retirement

**I**m retiring...but I still want to support the Lord’s work. How can I do this?

Many people who are approaching retirement wonder if they can continue to give as they would like to after their career ends. If you share this concern, consider planning your giving as you plan for retirement. You may be surprised to find it possible to give to the Lord’s work out of the remainder of your IRA or other qualified retirement plan. Once you’ve provided for your loved ones, you may simply wish to designate LeTourneau University as a beneficiary of the remaining value in your retirement plan.

A variety of other planning instruments may also be used to supplement your retirement plan already in place. By using one of these arrangements, your own financial security is enhanced and you make an eventual gift to promote the values you hold dear. Gift arrangements of this type provide relief from management worries; regular income to you or those you designate; reduction in income, capital gains- and estate-taxes; satisfaction of participating in Christian higher education.

We have prepared a booklet, available to you upon request, which explores the possibility of using your retirement plan as a giving tool and provides information on how to augment other retirement savings. You may discover in its pages an ideal means of accomplishing a goal you never thought possible. Call today for your copy of ‘Giving Through Retirement Plans.’ ■



**John Martin**

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**1-800-259-5388**

### **A**ssistant librarian Robyn

**Hardy, left, helps student Paula McKinley find a book in the Margaret Estes Library. Some of the library’s books are stacked on the floor due to a recent remodeling project which consolidated admissions and financial aid on the second floor and all library functions on the first floor. New carpeting was installed throughout the library. Cost of the project was \$150,000.**

**photo by Allen Hensley**  
(Longview News Journal).  
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